Computer Science

1. **View our courses [here](#)**

2. **Exam board specification:**

3. https://www.aqa.org.uk/subjects/computer-science-and-it/as-and-a-level/computer-science-7516-7517

4. **Suggested reading list, websites, pod casts, films etc.**

The first theory topic, which will be taught alongside coding, is data representation. This is an important topic and will cover many areas which include:

- Number Systems
- Number Bases
- Units of Information
- Binary
- Information Coding Systems
- Representing Sound, Images and other data

There will be a test in the first two weeks that will be based largely on data representation and basic coding.

There are many good text books including:

https://www.aqa.org.uk/subjects/computer-science-and-it/as-and-a-level-computer-science-textbooks

There are also revision websites including:

https://www.bbc.co.uk/bitesize/guides/zd88jty/revision/1

5. **A summer learning activity/task**

Computer Science PowerPoint